UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DEC 2 1992

MEMORANDUM

SUBJECT: Transmittal of Analytical Data for Monsanto Corp. Queeny Plant, St. Louis, Missouri (ADF14)

FROM: Robert B. Dona RBDona
Environmental Engineer, QADE/EDSB/ENSV

TO: Patricia Nichols
PRMT/RCRA/WSTM

THRU: Jeffrey A. Wandtke
Regional QA Officer, QADE/EDSB/ENSV

I have attached a copy of our Analysis Request Report for the RCRA oversight sampling performed by Jacobs Engineering Group on October 8, 1992, at Monsanto's Queeny Plant, St. Louis, Missouri. The data from analysis of the laboratory quality control samples have not been included but are available at your request.

I am also including copies of the original field sheets and chain-of-custody record. If you have any questions, please call me at 551-5182.

Attachments

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL SERVICES DIVISION
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: NOV 30 1992

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: ADF14
Site Description: Monsanto - Queeny Plant

FROM: Andrea Jirka
Chief, Laboratory Branch, ENSV

TO: Dale Bates
Chief, EDSB-ENSV

ATTN: B. Dona

Attached is the data transmittal for the above referenced site. The data contained in this transmittal have been approved by the Laboratory Branch. This should be considered a ____ Partial or X Complete data transmittal (completes transmittal of _____). The Project Leader should notify the Laboratory Branch within 14 days of any changes in the LAST analytical database. If you have any questions, comments, or data changes, please contact Dee Simmons at 551-5129.

Attachment

cc: Analytical Data File

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: ADF14 SAMNO: 001 QCC: _ MEDIA: SOIL PL: DONA, B.

ACTIVITY DES: MONSANTO-QUEENY PLANT REF LATITUDE: __ __ __
LOCATION: ST. LOUIS MO PROJECT NUM: A60 PT: LONGITUDE: __ __ __

SAMPLE DES: ADJACENT TO LS-9 DATE TIME FROM REF PT
LOCATION: ST. LOUIS MO BEG: 10/22/92 10:00 EAST: ____
CASE/BATCH/SMO: ____/_/____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: ____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2-40 ML VIALS	COOL (4 C)	SV	SOIL VOLATILES
GLASS	ICED	SS	SEMIVOLATILES
GLASS	ICED	SH	HERBICIDES
GLASS	ICED	SM	METALS + Mercury
GLASS	~~NONE~~	SP	~~PESTICIDES~~ + ALACHLOR
~~GLASS~~	COOL (4 C)	SM34	MERCURY, TOTAL, BY COLD VA with METALS
~~GLASS~~	~~COOL (4 C)~~	~~SP68~~	~~ALACHLOR~~ with pesticides
~~GLASS~~	~~NONE~~	SG07	SOLIDS, ~~PERCENT~~ with METALS

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Do not dilute 3.5' BLS

SAMPLE COLLECTED BY : Ryduger

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: ADF14 SAMNO: 002 QCC: F MEDIA: SOIL PL: DONA, B.

ACTIVITY DES: MONSANTO-QUEENY PLANT REF LATITUDE: __ __ __
LOCATION: ST. LOUIS MO PROJECT NUM: A60 PT: LONGITUDE: __ __ __

SAMPLE DES: TRIP BLANK DATE TIME FROM REF PT
LOCATION: _____ MO BEG: 10/08/92 10:05 EAST: ____
CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: __/__/__ __:__ NORTH: ____
STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2-40 ML VIALS	COOL (4 C)	SV	SOIL VOLATILES

COMMENTS: FOR SUPERFUND ONLY: *add (5607) % solids SUBSITE IDENTIFIER: __ OPERABLE UNIT: ___

SAMPLE COLLECTED BY : Lydia Soer

M 10/9/92

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION	SHEET
NICHOLS, PAT	MONSANTO QUEENY	08 (DAY) 10 (MONTH) 92 (YEAR)	1 of 1

CONTENTS OF SHIPMENT

SAMPLE NUMBER	CUBITAINER	8 oz BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
ADF14002F					1		X				
ADF14001		4			1		X				

DESCRIPTION OF SHIPMENT	MODE OF SHIPMENT
0 PIECE(S) CONSISTING OF ____ BOX(ES)	____ COMMERCIAL CARRIER: ____
1 ICE CHEST(S); OTHER ____	____ COURIER
	X SAMPLER CONVEYED ____ (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
Janet Hydigsen; SEALED [ ] UNSEALED [X]	10/8/92	15:50	Nicole Robles; SEALED [ ] UNSEALED [X]	Analysis
RELINQUISHED BY; SEALED [ ] UNSEALED [ ]	DATE	TIME	RECEIVED BY; SEALED [ ] UNSEALED [ ]	REASON FOR CHANGE OF CUSTODY
RELINQUISHED BY; SEALED [ ] UNSEALED [ ]	DATE	TIME	RECEIVED BY; SEALED [ ] UNSEALED [ ]	REASON FOR CHANGE OF CUSTODY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: 10/22/92

SUBJECT: Activity Number: ADF14
Site Description: Monsanto Queeny Plant

FROM: Kevin Ludwikoski
ESAT

TO: LABO Primary File

Comments regarding the subject activity are as follows:

Sample Number: Total Metals and Hg.
The matrix spike and/or matrix spike duplicate recoveries were out of control for Ag, Se, Tl, and Ca. This was probably due to matrix interferences. The method standard recoveries were in control for all analytes. This data substantially fulfills the data requirements of the work order under which the analyses were performed. The actual sample values for Ag Se and Tl for 001 will remain non-detect. Ca results may range 88,200 - 127,000 mg/kg for sample 001.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: 10-30-92

SUBJECT: Activity Number: ADF14
Site Description: MONSANTO

FROM: MARLA FASTENAU

TO: LABO Primary File

Comments regarding the subject activity are as follows:

Sample Number:

ADF14002F - Acetone was J coded on this sample because subsequent analyses (2) did not give adequate surrogate + recoveries for surr. + int. std. Therefore, the only good run I got was with an acetone value outside of the range of the curve so I J coded the value.

ANALYSIS REQUEST REPORT

VALIDATED DATA

FOR ACTIVITY: ADF14

DONA, B.

12/01/92 16:03:46

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 93 ACTIVITY: ADF14 DESCRIPTION: MONSANTO CHEMICAL, QUEENY LOCATION: ST. LOUIS MISSOURI

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: A60

LABO DUE DATE IS 11/ 7/92. REPORT DUE DATE IS 11/28/92.

INSPECTION DATE: 10/ 8/92 ALL SAMPLES RECEIVED DATE: 10/08/92

ALL DATA APPROVED BY LABO DATE: 11/30/92 FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 51 DAYS

ACTUAL LABO TURNAROUND TIME IS 53 DAYS ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: SITE:

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		S	ADJACENT TO LS-9	1	ST. LOUIS	MISSOURI				10/08/92	10:00	/ /	:
002	F	S	TRIP BLANK	1	ST. LOUIS	MISSOURI				10/08/92	10:05	/ /	:

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):
- A = TRUE VALUE FOR CALIBRATION STANDARD
- B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE
- C = MEASURED VALUE FOR CALIBRATION STANDARD
- D = MEASURED VALUE FOR FILED DUPLICATE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE
- L = MEASURED VALUE FOR LAB DUPLICATE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED VALUE FOR LAB SPIKE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED VALUE FOR DUPLICATE LAB SPIKE
- Y = MEASURED VALUE FOR FIELD SPIKE
- Z = CONCENTRATION RESULTING FROM FIELD SPIKE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):
- A = AIR
- H = OTHER (DOES NOT FIT ANY OTHER CATEGORY)
- S = SOLID (SOIL, SEDIMENT, SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION IDENTIFICATION NUMBER FOR EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED
- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES:
- V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:
- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM, 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPCIFIC VALUE:
- BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F			
SG07 SOLIDS, PERCENT	%	88.4		100			
SH01 2,4-D(DICHLOROPHENOXYACETIC ACID)	MG/KG	0.0050	U				
SH02 2,4,5-TP(SILVEX)	MG/KG	0.0015	U				
SH03 2,4,5-T	MG/KG	0.0031					
SM01 SILVER, TOTAL, BY ICAP	MG/KG	0.20	U				
SM02 ALUMINUM, TOTAL, BY ICAP	MG/KG	4380					
SM03 ARSENIC, TOTAL, BY ICAP	MG/KG	10.0	U				
SM04 BARIUM, TOTAL, BY ICAP	MG/KG	56.1					
SM05 BERYLLIUM, TOTAL, BY ICAP	MG/KG	0.207					
SM06 CADMIUM, TOTAL, BY ICAP	MG/KG	0.869					
SM07 COBALT, TOTAL, BY ICAP	MG/KG	2.31					
SM08 CHROMIUM, TOTAL, BY ICAP	MG/KG	8.45					
SM09 COPPER, TOTAL, BY ICAP	MG/KG	16.5					
SM10 IRON, TOTAL, BY ICAP	MG/KG	10300					
SM11 MANGANESE, TOTAL, BY ICAP	MG/KG	330					
SM12 MOLYBDENUM, TOTAL, BY ICAP	MG/KG	NA	O				
SM13 NICKEL, TOTAL, BY ICAP	MG/KG	10.5					
SM14 LEAD, TOTAL, BY ICAP	MG/KG	18.0					
SM15 ANTIMONY, TOTAL, BY ICAP	MG/KG	1.00	U				
SM16 SELENIUM, TOTAL, BY ICAP	MG/KG	10.0	U				
SM17 TITANIUM, TOTAL, BY ICAP	MG/KG	NA	O				
SM18 THALLIUM, TOTAL, BY ICAP	MG/KG	6.00	U				
SM19 VANADIUM, TOTAL, BY ICAP	MG/KG	11.4					
SM20 ZINC, TOTAL, BY ICAP	MG/KG	46.9					
SM21 CALCIUM, TOTAL, BY ICAP	MG/KG	127000					
SM22 MAGNESIUM, TOTAL, BY ICAP	MG/KG	5510					

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F			
SM23 SODIUM, TOTAL, BY ICAP	MG/KG	378					
SM24 POTASSIUM, TOTAL, BY ICAP	MG/KG	722					
SM34 MERCURY, TOTAL, BY COLD VAPOR AA	MG/KG	0.22					
SP01 BHC, ALPHA, BY GC/EC	UG/KG	1.6	U				
SP02 BHC, BETA, BY GC/EC	UG/KG	2.0	U				
SP03 BHC, DELTA	UG/KG	3.2	U				
SP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/KG	2.0	U				
SP05 ALDRIN, BY GC/EC	UG/KG	1.6	U				
SP06 DIELDRIN, BY GC/EC	UG/KG	2.4	U				
SP07 ENDOSULFAN I, BY GC/EC	UG/KG	3.6	U				
SP08 ENDOSULFAN II, BY GC/EC	UG/KG	28.	U				
SP09 ENDOSULFAN SULFATE, BY GC/EC	UG/KG	2.8	U				
SP10 ENDRIN, BY GC/EC	UG/KG	8.0	U				
SP11 ENDRIN ALDEHYDE, BY GC/EC	UG/KG	1.6	U				
SP13 DDE-4,4'-	UG/KG	2.4	U				
SP14 DDD-4,4'-	UG/KG	24.	U				
SP15 DDT-4,4'-	UG/KG	4.0	U				
SP16 TOXAPHENE, BY GC/EC	UG/KG	200	U				
SP17 PCB-AROCLOR 1016	UG/KG	160	U				
SP18 PCB-AROCLOR 1221	UG/KG	120	U				
SP19 PCB-AROCLOR 1232	UG/KG	40.	U				
SP20 PCB-AROCLOR 1242	UG/KG	40.	U				
SP21 PCB-AROCLOR 1248	UG/KG	60.	U				
SP22 PCB-AROCLOR 1254	UG/KG	20.	U				
SP23 PCB-AROCLOR 1260	UG/KG	24.	U				
SP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/KG	8.0	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F			
SP25 HEPTACHLOR, BY GC/EC	UG/KG	3.6	U				
SP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/KG	7.0	U				
SP36 CHLORDANE, GAMMA	UG/KG	NA	O				
SP60 METHOXYCHLOR, BY GC/EC	UG/KG	5.2	U				
SP61 ENDRIN KETONE, BY GC/EC	UG/KG	2.0	U				
SP64 CHLORDANE, ALPHA	UG/KG	NA	O				
SP68 ALACHLOR	UG/KG	810					
SS01 PHENOL, BY GC/MS	UG/KG	10000	U				
SS02 CARBAZOLE	UG/KG	10000	U				
SS03 ETHER,BIS(2-CHLOROETHYL), BY GC/MS	UG/KG	10000	U				
SS04 CHLOROPHENOL, 2-	UG/KG	10000	U				
SS05 DICHLOROBENZENE,1,3-, BY GC/MS	UG/KG	10000	U				
SS06 DICHLOROBENZENE,1,4-	UG/KG	10000	U				
SS07 BENZYL ALCOHOL	UG/KG	10000	U				
SS08 DICHLOROBENZENE,1,2-, BY GC/MS	UG/KG	10000	U				
SS09 CRESOL, ORTHO(2-METHYLPHENOL)	UG/KG	10000	U				
SS10 ETHER,BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/KG	10000	U				
SS11 CRESOL, PARA-(4-METHYLPHENOL)	UG/KG	10000	U				
SS12 N-NITROSODIPROPYLAMINE	UG/KG	10000	U				
SS13 HEXACHLOROETHANE, BY GC/MS	UG/KG	10000	U				
SS14 NITROBENZENE, BY GC/MS	UG/KG	10000	U				
SS15 ISOPHORONE, BY GC/MS	UG/KG	10000	U				
SS16 NITROPHENOL,2-	UG/KG	10000	U				
SS17 DIMETHYLPHENOL,2,4, BY GC/MS	UG/KG	10000	U				
SS18 BENZOIC ACID, BY GC/MS	UG/KG	50000	U				
SS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/KG	10000	U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001	002F			
SS20 DICHLOROPHENOL, 2,4-	UG/KG	10000U				
SS21 TRICHLOROBENZENE,1,2,4, BY GC/MS	UG/KG	10000U				
SS22 NAPHTHALENE, BY GC/MS	UG/KG	10000U				
SS23 CHLOROANILINE,4-	UG/KG	10000U				
SS24 HEXACHLOROBUTADIENE, BY GC/MS	UG/KG	10000U				
SS25 PHENOL,4-CHLORO-3-METHYL	UG/KG	10000U				
SS26 METHYLNAPHTHALENE, 2-	UG/KG	10000U				
SS27 HEXACHLOROCYCLOPENTADIENE, BY GC/MS	UG/KG	10000U				
SS28 TRICHLOROPHENOL,2,4,6	UG/KG	10000U				
SS29 TRICHLOROPHENOL,2,4,5	UG/KG	10000U				
SS30 CHLORONAPHTHALENE, 2-	UG/KG	10000U				
SS31 NITROANILINE,2-	UG/KG	50000U				
SS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/KG	10000U				
SS33 ACENAPHTHYLENE, BY GC/MS	UG/KG	10000U				
SS34 NITROANILINE,3-	UG/KG	50000U				
SS35 ACENAPHTHENE, BY GC/MS	UG/KG	10000U				
SS36 DINITROPHENOL,2,4, BY GC/MS	UG/KG	50000U				
SS37 NITROPHENOL,4-	UG/KG	50000U				
SS38 DIBENZOFURAN	UG/KG	10000U				
SS39 DINITROTOLUENE,2,4, BY GC/MS	UG/KG	10000U				
SS40 DINITROTOLUENE,2,6-	UG/KG	10000U				
SS41 PHTHALATE, DIETHYL, BY GC/MS	UG/KG	10000U				
SS42 ETHER, 4-CHLOROPHENYL PHENYL	UG/KG	10000U				
SS43 FLUORENE, GC/MS	UG/KG	10000U				
SS44 NITROANILINE,4-	UG/KG	50000U				
SS45 PHENOL,4,6-DINITRO-2-METHYL	UG/KG	50000U				

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F			
SS46 N-NITROSODIPHENYLAMINE, BY GC/MS	UG/KG	10000U					
SS47 ETHER, 4-BROMOPHENYL PHENYL	UG/KG	10000U					
SS48 HEXACHLOROBENZENE, BY GC/MS	UG/KG	10000U					
SS49 PENTACHLOROPHENOL, BY GC/MS	UG/KG	50000U					
SS50 PHENANTHRENE, BY GC/MS	UG/KG	10000U					
SS51 ANTHRACENE, BY GC/MS	UG/KG	10000U					
SS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/KG	10000U					
SS53 FLUORANTHENE, BY GC/MS	UG/KG	10000U					
SS54 PYRENE, BY GC/MS	UG/KG	10000U					
SS55 PHTHALATE, BUTYL BENZYL	UG/KG	10000U					
SS56 DICHLOROBENZIDINE, 3,3'	UG/KG	20000U					
SS57 ANTHRACENE, BENZO(A), BY GC/MS	UG/KG	10000U					
SS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/KG	10000U					
SS59 CHRYSENE, BY GC/MS	UG/KG	10000U					
SS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/KG	10000U					
SS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/KG	10000U					
SS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/KG	10000U					
SS63 PYRENE, BENZO(A), BY GC/MS	UG/KG	10000U					
SS64 PYRENE, INDENO(1,2,3-CD)	UG/KG	10000U					
SS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/KG	10000U					
SS66 PERYLENE,BENZO(G,H,I), BY GC/MS	UG/KG	10000U					
SV03 CHLOROMETHANE, BY GC/MS	UG/KG	11	U	10	U		
SV04 BROMOMETHANE, BY GC/MS	UG/KG	23	U	20	U		
SV05 VINYL CHLORIDE, BY GC/MS	UG/KG	17	U	15	U		
SV06 CHLOROETHANE, BY GC/MS	UG/KG	17	U	15	U		
SV07 METHYLENE CHLORIDE (DICHLOROMETHANE)	UG/KG	11	U	10	U		

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F				
SV08 DICHLOROETHYLENE,1,1, BY GC/MS	UG/KG	6	U	5	U			
SV09 DICHLOROETHANE,1,1, BY GC/MS	UG/KG	6	U	5	U			
SV10 DICHLOROETHYLENE,TRANS-1,2	UG/KG	6	U	5	U			
SV11 CHLOROFORM, BY GC/MS	UG/KG	6	U	5	U			
SV12 DICHLOROETHANE,1,2, BY GC/MS	UG/KG	6	U	5	U			
SV13 TRICHLOROETHANE,1,1,1-, BY GC/MS	UG/KG	6	U	5	U			
SV14 CARBON TETRACHLORIDE, BY GC/MS	UG/KG	6	U	5	U			
SV15 BROMODICHLOROMETHANE, BY GC/MS	UG/KG	6	U	5	U			
SV16 DICHLOROPROPANE,1,2, BY GC/MS	UG/KG	6	U	5	U			
SV17 BENZENE, BY GC/MS	UG/KG	9		5	U			
SV18 DICHLOROPROPYLENE,TRANS-1,3	UG/KG	6	U	5	U			
SV19 TRICHLOROETHYLENE, BY GC/MS	UG/KG	6	U	5	U			
SV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS	UG/KG	6	U	5	U			
SV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/KG	6	U	5	U			
SV22 TRICHLOROETHANE,1,1,2-, BY GC/MS	UG/KG	6	U	5	U			
SV24 BROMOFORM, BY GC/MS	UG/KG	6	U	5	U			
SV25 TETRACHLOROETHYLENE, BY GC/MS	UG/KG	6	U	5	U			
SV26 TOLUENE, BY GC/MS	UG/KG	6	U	5	U			
SV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS	UG/KG	6	U	5	U			
SV28 CHLOROBENZENE, BY GC/MS	UG/KG	2500		5	U			
SV29 ETHYL BENZENE, BY GC/MS	UG/KG	31		5	U			
SV30 ACETONE, BY GC/MS	UG/KG	67		2000	J			
SV31 CARBON DISULFIDE, BY GC/MS	UG/KG	6	U	5	U			
SV32 METHYL ETHYL KETONE	UG/KG	11	U	10	U			
SV34 HEXANONE, 2-	UG/KG	11	U	10	U			
SV35 4-METHYL-2-PENTANONE	UG/KG	11	U	10	U			

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 3-ADF14 VALIDATED DATA

COMPOUND	UNITS	001		002F				
SV36 STYRENE, BY GC/MS	UG/KG	6	U	5	U			
SV37 XYLENES, TOTAL, BY GC/MS	UG/KG	NA	O	NA	O			
SV49 XYLENE, ORTHO	UG/KG	6		5	U			
SV57 XYLENE, M AND/OR P	UG/KG	12		5	U			
ZZ01 SAMPLE NUMBER	NA	001		002				
ZZ02 ACTIVITY CODE	NA	ADF14		ADF14				

ACTIVITY ADF14 MONSANTO CHEMICAL, QUEENY

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS (ARCHIVE)

FINAL DATA REPORT APPROVED BY PROJECT LEADER ON 12/01/92 16:03:46 BY Robert B Dorn.